

CURRICULUM VITAE

Kristian Harder — harderk@fnal.gov

ACADEMIC DEGREES:

- 06/2002 • Doktor der Naturwissenschaften (PhD equivalent),
 DESY/University of Hamburg, Germany. grade 1.0 (0.8 best, 3.5 worst).
 supervisors: Prof. Dr. A. Wagner, Prof. Dr. R.-D. Heuer, Dr. T. Behnke
 thesis topic: “Studies of QCD-related Aspects of Event Evolution
 at Electron Positron Colliders” (OPAL, TESLA)
- 08/1998 • Diplom-Physiker (Master equivalent),
 DESY/University of Hamburg, Germany. grade 1.2 (1.0 best, 4.0 worst).
 supervisors: Prof. Dr. A. Wagner, Dr. J. Steuerer
 thesis topic: “A Search for Radially Excited D Mesons” (OPAL)

RESEARCH EXPERIENCE:

- since 11/2002 • postdoctoral research associate,
 Kansas State University, Manhattan (KS), USA
 – leading a task force for precision measurements of $W \rightarrow \mu\nu$ and
 $Z \rightarrow \mu\mu$ cross-sections at DØ
 – working on combination of correlated
 $t\bar{t}$ production cross-section measurements
 – responsible for evaluation of systematic uncertainties due to
 heavy flavour hadronisation modelling in DØ $t\bar{t}$ analyses
 – establishing software framework for Monte Carlo reweighting techniques
 to improve precision of systematic studies
 (parton density function uncertainties, hadronisation uncertainties)
 – participated in improvement and certification
 of DØ Monte Carlo simulation code
 – developed systematic full system tests of a prototype
 silicon detector for DØ Run IIb
- 03/2004 – 05/2005 • co-leader of the DØ silicon detector operations group,
 Fermilab, Batavia (IL), USA
 – supervised and coordinated projects
 – trained shift personnel
 – optimised operational procedures
 – developed control and monitoring software
 – evaluated and monitored data quality
 – modified readout electronics towards increased
 data taking efficiency and stability
 – developed firmware
 – managed operations budget
- 06/2002 – 11/2002 • postdoctoral research associate, DESY, Hamburg, Germany
 – developed track reconstruction code and GEANT-based simulation
 for a TESLA linear collider detector
- 10/1998 – 06/2002 • graduate student, University of Hamburg/DESY, Germany
 – investigated the hadronisation of b quarks using

	an inclusive b hadron reconstruction at OPAL
	– coordinated and participated in software development for track reconstruction at a TESLA linear collider detector
06/2000 – 09/2000	• graduate student based at CERN, Geneva, Switzerland – supervised the OPAL detector calibration system
10/1993 – 08/1998	• undergraduate student, University of Hamburg, Germany – performed studies of artificial neural networks, likelihood methods and phase space clustering for particle decay reconstruction – reconstructed orbitally and radially excited D mesons in exclusive decay channels with OPAL data
07/1995 – 09/1995	• summer student at CERN, NA48 Collaboration, Geneva, Switzerland – developed control software for calorimeter readout electronics
08/1994 – 09/1994	• summer student at DESY, ZEUS Collaboration, Hamburg, Germany – tested cooling system performance for the Hadron Electron Separator

MAIN PUBLICATIONS AND NOTES: (see below for full publication list)

- S. Burdin *et al.*, “Layer 0 extension of the CALID number convention,” DØ Note 5035, Feb 2006
- K. Harder, “the SMT heartbeat trigger system,” DØ Note 4983, Jan 2006
first two in a series of hardware notes documenting my DØ silicon detector work.
- G. Abbiendi *et al.* [OPAL Collaboration], “Inclusive Analysis of the b Quark Fragmentation Function in Z Decays at LEP,” Eur. Phys. J. C **29**, 463 (2003)
*derived from my PhD thesis. most precise measurement available.
36 citations so far according to SPIRES, most recent from March 2006.*
- K. Harder, “B fragmentation and energy correlation in $Z \rightarrow b\bar{b}$ decays (LEP-1, SLD),”
*Prepared for 31st International Conference on High Energy Physics (ICHEP 2002),
Amsterdam, The Netherlands, 24-31 Jul 2002
presentation of results of the ALEPH, DELPHI, OPAL and SLD experiments.*
- G. Abbiendi *et al.* [OPAL Collaboration], “A Search for a Narrow Radial Excitation of the $D^{*\pm}$ Meson,” Eur. Phys. J. C **20**, 445 (2001)
derived from my undergraduate thesis. led to removal of $D^(2640)$ from PDG tables.
8 citations so far, most recent from December 2005.*
- K. Harder, “Excited B and D mesons at OPAL,” arXiv:hep-ex/0110049
*Prepared for International Europhysics Conference on High Energy Physics (EPS-HEP 2001),
Budapest, Hungary, 12-18 Jul 2001*
- J. A. Aguilar-Saavedra *et al.* [ECFA/DESY LC Physics Working Group],
“TESLA Technical Design Report Part III: Physics at an e^+e^- Linear Collider,”
arXiv:hep-ph/0106315
*featuring tracking performance estimates derived as part of my PhD thesis.
>500 citations so far, most recent from April 2006.*
- T. Behnke *et al.*, “Performance study of the proposed TESLA detector using a realistic track reconstruction package,” LC-DET-2001-029
documentation of tracking performance estimates contributed to the TESLA TDR.
- K. Harder, “Overall track reconstruction at TESLA,”
*Prepared for 5th International Linear Collider Workshop (LCWS 2000),
Fermilab, Batavia, Illinois, 24-28 Oct 2000*
- K. Ackerstaff *et al.* [OPAL Collaboration], “A Search for the Radial Excitation of the $D^{*\pm}$,”
OPAL PN352, *Contributed to 29th International Conference on High Energy Physics (ICHEP 1998), Vancouver, Canada, 23-29 Jul 1998
my undergraduate thesis result contributed as official (preliminary) OPAL result.*

MAJOR TALKS (invited/representing collaborations):

- 04/2006
 - NIKHEF seminar, Amsterdam, The Netherlands
“ $t\bar{t}$ Production Cross-section Measurements at DØ”
- 11/2005
 - CMS Tracker Monitoring Workshop, Batavia (IL), USA
“Silicon Detector Monitoring at DØ”
- 04/2005
 - Tev4LHC plenary session, CERN, Geneva, Switzerland
“DØ Run II Physics Commissioning”
- 01/2005
 - Particle Physics Seminar, Bonn University, Germany
“Recent b fragmentation measurements at LEP/SLD
and their implications for hadron collider physics”
- 05/2004
 - APS Division of Particles & Fields Spring Meeting,
Denver (CO), USA
“Electrical Characterisation of Silicon Readout Modules
for the DØ Upgrade”
 - PHENO 2004 Symposium, Madison (WI), USA
“New Top Quark Pair Production Measurements at DØ”
- 05/2003
 - Linear Collider Simulation Workshop, Stanford (CA), USA
“Track Reconstruction in the BRAHMS Linear Collider
Detector Simulation”
- 04/2003
 - APS Division of Particles & Fields Spring Meeting,
Philadelphia (PA), USA
“Inclusive Investigation of the b Quark Fragmentation Function
in Z Decays at LEP”
- 07/2002
 - ICHEP 2002, Amsterdam, The Netherlands
“b Fragmentation and Energy Correlation in $Z \rightarrow b\bar{b}$ Decays
(LEP and SLD results)”
- 07/2001
 - EPS-HEP 2001, Budapest, Hungary
“Excited B, D Mesons at OPAL”
- 03/2001
 - Frontiers in Contemporary Physics II, Nashville (TN), USA
“Heavy Quark Spectroscopy at OPAL”
- 10/2000
 - International Linear Collider Workshop 2000, Batavia (IL), USA
“Overall Track Reconstruction at TESLA”
- 10/1999
 - European Linear Collider Workshop 1999, Obernai, France
“TESLA Detector: Track Reconstruction Issues”

GENERAL SKILLS:

- Languages:
- German (native)
 - English (fluent)
 - French (basic capabilities)
- Teaching:
- tutor in Physics and Mathematics, University of Hamburg
 - participated in development and test of a new
laboratory experiments for undergraduate students
 - supervision of one undergraduate and two graduate students
- Computing:
- system administration Unix (Linux, HP-UX, Ultrix), Windows
 - programming languages C++, C, Python, FORTRAN, Visual Basic
 - code management with CVS
 - database handling with SQL
 - data analysis with ROOT, PAW
- Electronics:
- logic analysers, digital Oscilloscopes, Altera Max+ Plus II software

SCHOOLS:

- | | |
|------------|----------------------------------------------------------------------------------------------------------|
| 08/2002 | • SLAC Summer Institute, Stanford (CA), USA
“Secrets of the B Meson” |
| 08–09/2001 | • School of Subnuclear Physics, Erice, Italy
“New Fields and Strings in Subnuclear Physics” |
| 09/1999 | • autumn school Maria Laach, Germany
“Experiments and Theoretical Foundation, Accelerator Technology” |

AWARDS:

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|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2002 | • medal “Leistungsabzeichen Ausland der Johanniter-Unfall-Hilfe”
for voluntary participation in international humanitarian aid activities |
| 2001 | • Blackett scholarship awarded at Erice School of Subnuclear Physics |
| 1997 | • state medal “Oderflutmedaille des Landes Brandenburg”
for voluntary participation in emergency response after a severe flood |
| 1994 | • young researchers’ contest “Jugend Forscht,” Germany
topic: “Isotropy of high energy cosmic rays”
– first prize winner at state level
– special award winner at federal level |

COMMUNITY ACTIVITIES:

- | | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09/2002 | • voluntary election worker, German federal election 2002 |
| 01/1995 – 11/2002 | • volunteer work for Johanniter-Unfall-Hilfe, Germany
– member of paramedic team during public events
– logistics for international humanitarian aid
– logistics for civil protection
– truck driver on supply convoys to Bosnia, Russia, Poland |
| 10/1992 – 09/1993 | • military service |

CONTACT INFORMATION:

Address: 870 Benedetti Drive #202,
Naperville, IL 60563, USA
E-Mail: harderk@fnal.gov

FULL PUBLICATION LIST:

- V. M. Abazov *et al.* [DØ Collaboration], “Search for pair production of second generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV,” arXiv:hep-ex/0601047
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **96**, 011801 (2006)
- V. M. Abazov *et al.* [DØ Collaboration], “Measurement of the isolated photon cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV,” arXiv:hep-ex/0511054
- V. M. Abazov *et al.* [DØ Collaboration], “The upgraded DØ detector,” arXiv:physics/0507191
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **95**, 171801 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **95**, 171803 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **95**, 161602 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Lett. B **626**, 55 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Lett. B **622**, 265 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. D **72**, 011104 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **95**, 091801 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Lett. B **626**, 35 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Lett. B **626**, 45 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **95**, 151805 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **95**, 141802 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **95**, 151801 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. D **71**, 091108 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **95**, 051802 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 232001 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. D **71**, 071104 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. D **71**, 072004 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 152002 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 161801 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 151801 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 091802 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 102001 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 182001 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 071802 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 042001 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 221801 (2005)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **94**, 041801 (2005)
- K. Ackermann *et al.*, “Extended joint ECFA/DESY study on physics and detector for a linear $e^+ e^-$ collider. Proceedings, Summer Colloquium, Amsterdam, Netherlands, April 4, 2003,” DESY-PROC-2004-01 *Prepared for 4th ECFA / DESY Workshop on Physics and Detectors for a 90 GeV to 800 GeV Linear $e^+ e^-$ Collider, Amsterdam, The Netherlands, 1- 4 Apr 2003*
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **93**, 162002 (2004)
- V. M. Abazov *et al.* [DØ Collaboration], Phys. Rev. Lett. **93**, 141801 (2004)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **33**, 149 (2004)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Rev. D **69**, 032002 (2004)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **32**, 453 (2004)

- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **580**, 17 (2004)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **33**, 463 (2004)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **35**, 149 (2004)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **35**, 293 (2004)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **32**, 303 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **577**, 93 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **577**, 18 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **31**, 491 (2003)
- R. Barate *et al.* [LEP Working Group for Higgs boson searches], Phys. Lett. B **565**, 61 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **31**, 281 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **572**, 8 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **568**, 181 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **559**, 131 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **30**, 467 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **31**, 307 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **551**, 35 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **29**, 479 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **29**, 463 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **26**, 331 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **26**, 479 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **27**, 483 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **28**, 45 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **27**, 467 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **27**, 311 (2003)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **26**, 321 (2003)
- M. Killenberg *et al.*, “A TPC for a future linear collider,” LC-DET-2002-008
- K. Harder, “B fragmentation and energy correlation in $Z \rightarrow b\bar{b}$ decays (LEP-1, SLD),” *Prepared for 31st International Conference on High Energy Physics (ICHEP 2002), Amsterdam, The Netherlands, 24-31 Jul 2002*
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **550**, 33 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **544**, 259 (2002)
- K. Harder, “Studies of QCD-related aspects of event evolution at $e^+ e^-$ colliders,” DESY-THESIS-2002-030
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **546**, 29 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **545**, 272 (2002) [Erratum-*ibid.* B **548**, 258 (2002)]
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **544**, 44 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **544**, 57 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **539**, 13 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **533**, 207 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **526**, 233 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **526**, 221 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **23**, 597 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **23**, 397 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **24**, 17 (2002)

- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **24**, 1 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **23**, 1 (2002)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **23**, 437 (2002)
- M. Killenborg *et al.* [LC TPC Group], “LC TPC R&D: A proposal to the DESY PRC,” DESY-PRC-RD-01-03
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **523**, 35 (2001)
- K. Harder, “Excited B and D mesons at OPAL,” arXiv:hep-ex/0110049 *Prepared for International Europhysics Conference on High Energy Physics (EPS-HEP 2001), Budapest, Hungary, 12-18 Jul 2001*
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **521**, 181 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **519**, 23 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **520**, 1 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **516**, 1 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **21**, 399 (2001)
- J. A. Aguilar-Saavedra *et al.* [ECFA/DESY LC Physics Working Group], “TESLA Technical Design Report Part III: Physics at an e^+e^- Linear Collider,” arXiv:hep-ph/0106315
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **21**, 411 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **21**, 1 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **516**, 236 (2001)
- T. Behnke *et al.*, “Performance study of the proposed TESLA detector using a realistic track reconstruction package,” LC-DET-2001-029
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **20**, 445 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **20**, 601 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **499**, 38 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **19**, 587 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **19**, 241 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **19**, 257 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **18**, 447 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **19**, 1 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **19**, 229 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **507**, 29 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **19**, 653 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **18**, 425 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **501**, 12 (2001)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **21**, 23 (2001)
- K. Harder, “Overall track reconstruction at TESLA,” *Prepared for 5th International Linear Collider Workshop (LCWS 2000), Fermilab, Batavia, Illinois, 24-28 Oct 2000*
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **493**, 266 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **490**, 71 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **493**, 249 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **18**, 15 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **17**, 373 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **17**, 553 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **492**, 13 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **492**, 23 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **18**, 253 (2000)

- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **476**, 256 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **482**, 15 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **16**, 423 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **16**, 41 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **16**, 185 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **476**, 233 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **14**, 73 (2000)
- P. Pfeifenschneider *et al.* [JADE collaboration], Eur. Phys. J. C **17**, 19 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **16**, 407 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **16**, 579 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **13**, 213 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **14**, 373 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **14**, 51 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **14**, 187 (2000)
[Erratum-*ibid.* C **16**, 707 (2000)]
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **13**, 197 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **13**, 553 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **13**, 15 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **12**, 567 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **13**, 1 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **16**, 61 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **13**, 225 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **14**, 199 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **12**, 1 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **12**, 609 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **12**, 551 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **13**, 185 (2000)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **471**, 293 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **465**, 303 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **11**, 587 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **464**, 311 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **11**, 643 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **456**, 95 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **11**, 217 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **11**, 409 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **11**, 239 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **11**, 619 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **453**, 138 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **453**, 153 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **447**, 157 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **9**, 1 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **447**, 134 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **8**, 559 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **7**, 407 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **8**, 191 (1999)

- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **8**, 23 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **8**, 573 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **8**, 255 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **8**, 217 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **10**, 547 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Eur. Phys. J. C **6**, 1 (1999)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **440**, 393 (1998)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **438**, 391 (1998)
- G. Abbiendi *et al.* [OPAL Collaboration], Phys. Lett. B **444**, 539 (1998)
- K. Ackerstaff *et al.* [OPAL Collaboration], Phys. Lett. B **439**, 197 (1998)
- K. Ackerstaff *et al.* [OPAL Collaboration], “A Search for the Radial Excitation of the $D^{*\pm}$,” OPAL PN352, *Contributed to 29th International Conference on High Energy Physics (ICHEP 1998), Vancouver, Canada, 23-29 Jul 1998*